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TECH CENTER 1600/2000



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/874,475A

DATE: 09/26/2003

TIME: 08:20:30

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09262003\I874475A.raw

5 <110> APPLICANT: Petropoulos, Christos J.
 7 Parkin, Neil T.
 9 Whitcomb, Jeanette
 11 Huang, Wei
 15 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR EVALUATING VIRAL RECEPTOR/CO-
 RECEPTOR USAGE
 16 AND INHIBITORS OF VIRUS ENTRY USING RECOMBINANT VIRUS ASSAYS
 20 <130> FILE REFERENCE: 2793/65166
 24 <140> CURRENT APPLICATION NUMBER: 09/874,475A
 26 <141> CURRENT FILING DATE: 2001-06-04
 30 <160> NUMBER OF SEQ ID NOS: 16
 34 <170> SOFTWARE: PatentIn version 3.1
 38 <210> SEQ ID NO: 1
 40 <211> LENGTH: 26
 42 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Description of Artificial Sequence: RT Primers for HIV
 envelope
 50 <400> SEQUENCE: 1
 51 ggagcattta caagcagcaa cacagc 26
 54 <210> SEQ ID NO: 2
 56 <211> LENGTH: 21
 58 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial Sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Description of Artificial Sequence: RT Primers for HIV
 envelope
 68 <400> SEQUENCE: 2
 69 ttccagtcav acctcaggta c 21
 72 <210> SEQ ID NO: 3
 74 <211> LENGTH: 19
 76 <212> TYPE: DNA
 78 <213> ORGANISM: Artificial Sequence
 80 <220> FEATURE:
 81 <223> OTHER INFORMATION: Description of Artificial Sequence: RT Primers for HIV
 envelope
 86 <400> SEQUENCE: 3
 87 agaccaatga cttayaagg 19
 90 <210> SEQ ID NO: 4
 92 <211> LENGTH: 35
 94 <212> TYPE: DNA
 96 <213> ORGANISM: Artificial Sequence
 98 <220> FEATURE:

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99 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
101 <400> SEQUENCE: 4
102 gggctcgaga ccggtcagtg gcaatgagag tgaag

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105 <210> SEQ ID NO: 5
107 <211> LENGTH: 37
109 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
118 <400> SEQUENCE: 5
119 gggctcgaga ccggtgagca gaagacagtg gcaatga 37
122 <210> SEQ ID NO: 6
124 <211> LENGTH: 36
126 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
135 <400> SEQUENCE: 6
136 gggctcgaga ccggtgagca gaagacagtg gcaatg 36
139 <210> SEQ ID NO: 7
141 <211> LENGTH: 35
143 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
152 <400> SEQUENCE: 7
153 gggcttagaa cgcgttgcca cccatcttat agcaa 35
156 <210> SEQ ID NO: 8
158 <211> LENGTH: 38
160 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
169 <400> SEQUENCE: 8
170 gggcttagaa cgcgtccact tgccacccat bttatagc 38
173 <210> SEQ ID NO: 9
175 <211> LENGTH: 34
177 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
186 <400> SEQUENCE: 9
187 gggcttagaa cgcgtccact tgccacccat btta 34
190 <210> SEQ ID NO: 10
192 <211> LENGTH: 38
194 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
203 <400> SEQUENCE: 10
204 gatggtctaa gacgtgttc aatatccctg cctaactc 38
207 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING
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Input Set : A:\PTO.YF.txt
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209 <211> LENGTH: 10
211 <212> TYPE: PRT
C--> 213 <213> ORGANISM: Artifical Sequence
 215 <220> FEATURE:
 216 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
 Resistance
 217 Mutation
 221 <400> SEQUENCE: 11
 223 Gln Leu Leu Ser Gly Ile Val Gln Gln Gln
 224 1 5 10
 227 <210> SEQ ID NO: 12
 229 <211> LENGTH: 10
 231 <212> TYPE: PRT
 233 <213> ORGANISM: Artificial Sequence
 235 <220> FEATURE:
 236 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
 Resistance
 237 Mutation
 240 <400> SEQUENCE: 12
 242 Gln Leu Leu Ser Ser Ile Met Gln Gln Gln
 243 1 5 10
 246 <210> SEQ ID NO: 13
 248 <211> LENGTH: 10
 250 <212> TYPE: PRT
C--> 252 <213> ORGANISM: Artifical Sequence
 254 <220> FEATURE:
 255 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
 Resistance
 256 Mutation
 260 <220> FEATURE:
 262 <221> NAME/KEY: MISC_FEATURE
 264 <222> LOCATION: (5)..(5)
 266 <223> OTHER INFORMATION: Where X= G or S
 270 <220> FEATURE:
 272 <221> NAME/KEY: MISC_FEATURE
 274 <222> LOCATION: (7)..(7)
 275 <223> OTHER INFORMATION: Where X= V or M
 279 <400> SEQUENCE: 13
W--> 281 Gln Leu Leu Ser Xaa Ile Xaa Gln Gln Gln
 282 1 5 10
 285 <210> SEQ ID NO: 14
 287 <211> LENGTH: 10
 289 <212> TYPE: PRT
C--> 291 <213> ORGANISM: Artifical Sequence
 293 <220> FEATURE:
 294 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
 Resistance
 295 Mutation
 299 <400> SEQUENCE: 14
 301 Gln Leu Leu Ser Asp Ile Val Gln Gln Gln
 302 1 5 10
 305 <210> SEQ ID NO: 15
 307 <211> LENGTH: 10

RAW SEQUENCE LISTING
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Input Set : A:\PTO.YF.txt
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309 <212> TYPE: PRT
C--> 311 <213> ORGANISM: Artifical Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
Resistance
316 Mutation
320 <220> FEATURE:
322 <221> NAME/KEY: MISC_FEATURE
324 <222> LOCATION: (5)..(5)
326 <223> OTHER INFORMATION: Where X= G or D
330 <400> SEQUENCE: 15
W--> 332 Gln Leu Leu Ser Xaa Ile Val Gln Gln Gln
333 1 5 10
336 <210> SEQ ID NO: 16
338 <211> LENGTH: 36
340 <212> TYPE: PRT
342 <213> ORGANISM: Artificial Sequence
344 <220> FEATURE:
345 <223> OTHER INFORMATION: Description of Artificial Sequence: Fusion Inhibitor Peptide
349 <400> SEQUENCE: 16
351 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
352 1 5 10 15
355 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
356 20 25 30
359 Trp Asn Trp Phe
360 35

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/874,475A

DATE: 09/26/2003
TIME: 08:20:31

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\09262003\I874475A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 5,7
Seq#:15; Xaa Pos. 5

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 15

VERIFICATION SUMMARY

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Input Set : A:\PTO.YF.txt

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L:213 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:252 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:311 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0